

**ABSTRACT**

Contoured composite structural members and methods for making the same are described. The contoured structural members comprise composite materials and the contoured structure can be provided by tube rolling (or roll wrapping) the composite materials together and then, if necessary, bonding them or connecting them. The outer surface of the structural member can be provided with a polygonal shape during the process of manufacturing. With a contoured structure and an outer polygonal shape, applications for the structural members of the present invention are increased.